VA NJ HEALTH CARE SYSTEM EAST ORANGE CAMPUS

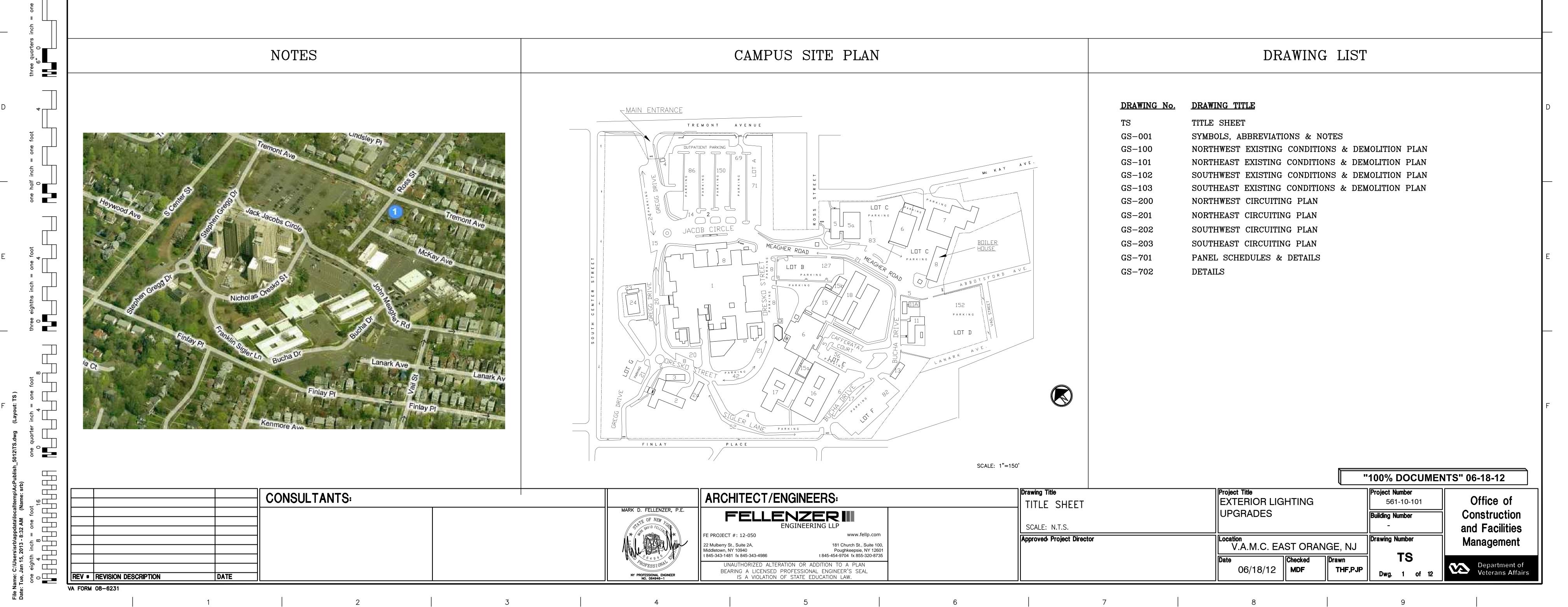
PROJECT TITLE:

EXTERIOR LIGHTING UPGRADES AT VA EAST ORANGE MEDICAL CENTER

VA PROJECT NO. 561-10-101

FELLENZER ENGINEERING L.L.P.
CONSULTING ENGINEERS

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<u>DESCRIPTIONS</u> <u>ABBREVIATIONS</u> <u>DESCRIPTIONS</u> BATTERY **GENERAL NOTES** AMPERE FRAME HIGH VOLTAGE OIL CIRCUIT BREAKER ABOVE FINISHED FLOOR 1. ALL WORK SHALL BE PERFORMED, MONDAY THRU FRIDAY, DURING NORMAL BUSINESS HOURS OF 4:00PM — MIDNIGHT 38. THE CONTRACTOR SHALL MAINTAIN THE WORK SITE IN A NEAT AND CLEAN CONDITION. THE WORK SITE SHALL BE BROOM AND 8:00AM - 4:00PM SATURDAY, SUNDAY AND HOLIDAYS, EXCEPT AS APPROVED BY THE COTR. CLEANED AT THE END OF EACH WORKING DAY. **───** AMPERE TRIP HIGH VOLTAGE DRAWOUT AIR CIRCUIT BREAKER AUTOMATIC TRANSFER SWITCH 2. NOT USED. 39. THE CONTRACTOR SHALL SECURE ALL EXTERIOR WORK AND STAGING AREAS WITH ACCEPTABLE 10' TALL CHAIN LINK FENCING. _\~_ SWITCH AND FUSE UNIT BARE COPPER 3. CONTRACTOR SHALL ABIDE BY THEIR OWN EXPENSE TO THE LATEST EDITIONS OF ALL OSHA REGULATIONS AND 40. THE CONTRACTOR SHALL NOT LEAVE THE WORK AREA UNATTENDED FOR ANY REASON, UNLESS SAFETY PARTITIONS, SAFETY MOLDED CASE CIRCUIT BREAKER CONDUIT REQUIREMENTS. FENCING ARE INSTALLED AND SECURED. CB, C/B CIRCUIT BREAKER **—**<<<u>^</u>->>>— LOW VOLTAGE DRAWOUT AIR CIRCUIT BREAKER 4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND ASCERTAIN IN THE FIELD, ALL EXISTING UTILITIES, EXISTING 41. THE CONTRACTOR SHALL PARK IN APPROVED PARKING SPACES ONLY. CKT BKR CONDITIONS, FIELD MEASUREMENTS, DIMENSIONS, QUANTITIES, RELATED TO THE PROJECT. 42. THE CONTRACTOR IS ADVISED THAT ANY RIGGING SHALL BE PERFORMED BY PROFESSIONAL RIGGERS AT THE EXPENSE OF THE -FUSED DRAWOUT POTENTIAL TRANSFORMER CIRCUIT CONTRACTOR. CEILING AMMETER 6. CONTRACTOR SHALL SUBMIT FOR APPROVAL ALL MATERIALS USED FOR CONSTRUCTION AND ALL EQUIPMENT INTENDED 43. THE CONTRACTOR SHALL BE ADVISED THAT THERE MAY BE ASBESTOS ENCOUNTERED AT ANY TIME ON THE SITE. THE DIRECT BURIAL FOR INSTALLATION IN THIS PROJECT. CONTRACTOR SHALL BE ADVISED THAT IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ANY ASBESTOS VOLTMETER ENCOUNTERED AND DISPOSE OF IT PROPERLY OFF THE SITE AND IN ACCORDANCE WITH ALL LOCAL, CITY, STATE, FEDERAL, EMPTY CONDUIT WATTMETER 7. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND ASCERTAIN THE LOCATION, DEPTH, DIRECTION, SIZE, OF VA RULES REGULATIONS, LAWS, STATUTES AND OTHERS. EQUIPMENT GROUND ANY AND ALL UTILITIES EXISTING IN THE GENERAL VICINITY OF THE WORK AREA. WATT-HOUR METER 44. THE CONTRACTOR SHALL TURN OVER, TO THE GOVERNMENT, AN END USER WASTE DISPOSAL MANIFEST. EXISTING TO REMAIN INSTANTANEOUS OVERCURRENT OR RATE-OF-RISE RELAY 8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY UTILITY DISRUPTED, BROKEN, OR OTHERWISE EXISTING RENDERED NON-FUNCTIONABLE DUE TO THE WORK PERFORMED AT NO ADDITIONAL COST TO THE GOVERNMENT 45. THE CONTRACTOR SHALL HAVE ALL ASBESTOS TESTING, MONITORING, REPORTING PERFORMED BY TESTING LABORATORY AC-TIME OVERCURRENT RELAY DURING THIS COURSE OF WORK. APPROVED BY THE VA. EXPANSION JOINT AC-DIRECTIONAL OVERCURRENT RELAY EXP, XP EXPLOSION PROOF 46. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING 9. THE CONTRACTOR SHALL IDENTIFY ANY NON-FUNCTIONING UTILITY/SYSTEM, PRIOR TO THE START OF WORK TO THE LOCKING OUT RELAY WHICH IS TO REMAIN AT NO EXPENSE TO THE OWNER. **EMERG** CONTRACTING OFFICER. IDENTIFICATION OF SUCH AFTER THE START OF WORK SHALL BE DEEMED AS EMERGENCY DISTURBED/DAMAGED BY THE CONTRACTOR AND SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. ELECTRIC LIGHTNING ARRESTOR 47. CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN, AT CONTRACTORS EXPENSE, ALL NECESSARY PERMITS. FAN COIL UNIT 10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY SUPPORT ANY UTILITY ENCOUNTERED IN THE COURSE GROUND CONNECTION OF THIS WORK. 48. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION, PROTECTION AND REPAIR OF ALL EXISTING UTILITIES. FIXTURE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL THE RESPECTIVE UTILITY COMPANIES AND HAVING ALL UTILITIES POTHEAD FLOUR FLUORESCENT 11. THE CONTRACTOR SHALL LEAVE THE WORK SITE CLEAN AND SECURED AT THE END OF EACH WORKING DAY. THE \longrightarrow FIELD LOCATED PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LOCATIONS OF WORK SITE SHALL NOT BE LEFT UNATTENDED AT ANY TIME BY THE CONTRACTOR, UNLESS THE WORK AREA IS EXISTING STRUCTURES AND UTILITIES SHOWN ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REPAIR FUSED SAFETY SWITCH PROPERLY SECURED BY THE CONTRACTOR. STRESS CONE AND/OR REPLACEMENT OF ANY STRUCTURES AND/OR UTILITIES DAMAGED BY THE CONTRACTORS OR G, GND GROUND SUBCONTRACTORS OPERATIONS. 12. THE CONTRACTOR IS ADVISED THAT THEY ARE SOLELY RESPONSIBLE FOR THE SAFETY OF THE WORKSITE AND TAKE PUSH-BUTTON STATION GEN GENERATOR ALL ACTIONS TO ELIMINATE ANY SAFETY HAZARDS THAT SHALL EXIST AND POSE A THREAT OF HARM TO PATIENTS, 49. PRIOR TO ANY DIGGING ON SITE, CONTRACTOR TO CALL 1-800-272-1000 (NEW JERSEY ONE-CALL CENTER) TO EMPLOYEES OF THE GOVERNMENT, EMPLOYEES OF THE CONTRACTOR OR OTHER(S). IT SHALL BE THE SOLE GROUND TERMINAL BOX CURRENT TRANSFORMER HAVE EXISTING UNDERGROUND UTILITIES LOCATED. RESPONSIBILITY OF THE CONTRACTOR TO TAKE IMMEDIATE ACTION TO ALLEVIATE ANY SAFETY HAZARD THAT MAY EXIST GROUND FAULT INTERRUPTER WITHOUT DIRECTION FROM THE CONTRACTING OFFICER OR HIS DESIGNEE. 50. ALL ELECTRICAL CONDUITS SHOWN ARE EXISTING. EXACT LOCATIONS OF CONDUITS MAY VARY SLIGHTLY FROM HAND OFF AUTOMATIC 13. THE CONTRACTOR SHALL TAKE IMMEDIATE CORRECTIVE ACTION TO ALLEVIATE ANY SAFETY HAZARD, CONDITION, ETC., THESE DRAWINGS. REPORT ALL DISCREPANCIES TO THE VA. <u>DESCRIPTIONS</u> HANDHOLE AS INDICATED BY THE CONTRACTING OFFICER. 51. THE CONTRACTOR SHALL PERFORM ALL ELECTRICAL WORK IN ACCORDANCE WITH CURRENT EDITION OF NFPA, DIV HORSE POWER 14. ALL WORK SHALL BE AS DIRECTED BY REPRESENTATIVES OF THE DEPARTMENT OF VETERANS AFFAIRS. 70 & DIV 72 & 2012 LIFE SAFETY CODE. COMBINATION SWITCH & DUPLEX RECEPTACLE (4'-6" AFF HIGH VOLTAGE UNLESS OTHERWISE NOTED) 15. THERE SHALL BE NO CLAIMS AGAINST THE DEPARTMENT OF VETERANS AFFAIRS FOR WORK STOPPAGES DUE TO ACTS 52. MINIMUM SIZE OF CONDUIT SHALL BE 34" COUPLINGS AND CONNECTORS SHALL BE GLAND/RING COMPRESSION INCANDESCENT OF GOD, WEATHER CONDITIONS, STOP WORK ORDERS (VERBAL AND/OR WRITTEN), UNDERESTIMATION OF WORK, DROP CORD, SINGLE CONVENIENCE OUTLET, 3-WIRE, TYPE ONLY. ALL CONNECTORS SHALL CONTAIN INTEGRAL INSULATED NYLON BUSHINGS. JUNCTION BOX ESTIMATED QUANTITIES, MATERIALS, SUPPLIES, TOOLS, CORRECTION OF SAFETY PROBLEMS, OR ANY OTHER REASON. GROUNDING TYPE, 20A, W/#12 CONDUCTORS IN FLEXIBLE CORD (CENTERLINE OF OUTLET: 6'-6" AFF-MINIMUM). LTS LIGHTS 53. ALL NEW CIRCUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR, PROPERLY SIZED PER THE NEC, OR AS 16. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE TO THE DEPARTMENT OF VETERANS LIGHTING ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" CENTERS OR AFFAIRS AN "AS CONSTRUCTED DRAWING" FOR THE WORK. THIS DRAWING SHALL BE SUBMITTED AS AN AUTOCAD, AS DESIGNATED ON DRAWINGS), MTD 3'-6" AFF OR AS 28" BY 40", DRAWINGS. THIS DRAWING SHALL BE TECHNICALLY CORRECT AND DRAWN ACCORDING TO SOUND LOW VOLTAGE 54. MINIMUM SIZE WIRE SHALL BE #12 AWG. INSULATION SHALL BE DUAL RATED THHN/THWN OR XHHW. INDICATED. ENGINEERING PRINCIPLES. THIS SHALL SHOW ALL ELEVATIONS, DISTANCES, DIAMETERS, SCHEDULES, MATERIALS CONTRACTOR SHALL SUBMIT FOR APPROVAL A PHYSICAL SAMPLE OF ALL WIRE USED ON THIS PROJECT. MAIN CIRCUIT BREAKER INSTALLED, SEQUENCE OF OPERATIONS OF ANY AND ALL ITEMS TO THE DEPARTMENT OF VETERANS AFFAIRS. SINGLE RECEPTACLE - 20A, MTD. 18" AFF UNLESS OTHERWISE MOTOR CONTROL CENTER 55. CIRCUITS SHALL BE DESIGNED FOR MINIMUM OF 20 AMPS. 17. CONTRACTOR IS ADVISED THAT THEY ARE RESPONSIBLE TO MAINTAIN ALL MEASUREMENTS DURING THE COURSE OF THIS PROJECT AND DIMENSIONS MISSING ON THE MYLAR SHALL NOT BE ACCEPTABLE. FINAL PAYMENT SHALL NOT MAIN DISTRIBUTION PANEL DUPLEX RECEPTACLE (HOSPITAL GRADE) - 20A, MTD. 18" 56. ALL DEVICES SHALL BE UL APPROVED. BE PROVIDED UNTIL THIS DRAWING IS SUBMITTED AND APPROVED. A COMPLETE, ACCEPTABLE, SEPARATE MAIN LUGS ONLY AFF. SUBSCRIPT "GFI" INDICATES GROUND FAULT TYPE; ENGINEERING "AS CONSTRUCTED DRAWING" IS REQUIRED FOR EACH UTILITY. "N" INDICATES NOT HOSPITAL GRADE; "ST" INDICATES (15A) MANHOLE 57. ANY PENETRATIONS THRU THE BUILDING SHALL BE SLEEVED WITH GALVANIZED STEEL SLEEVE. THIS SHALL BE SAFETY TYPE; AND "I" INDICATES ISOLATED GROUND (IF USED). 18. CONTRACTOR SHALL SAW CUT WITH PROPER BLADE ANY CONCRETE ENCOUNTERED IN THE COURSE OF THIS WORK. SEALED AGAINST WEATHER INFILTRATION PROPERLY AND TO THE SATISFACTION OF THE CONTRACTING OFFICER. MOUNTED \bigcirc DUPLEX RECEPTACLE SWITCHED 18" AFF UNLESS OTHERWISE MTG HGT MOUNTING HEIGHT 19. ALL HOLES SHALL BE CORED DRILLED WITH DIAMOND CORE BITS. 58. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL BUSS DETAIL IF SAME IS NON-EXISTENT. ANY AND ALL BREAKERS ADDED TO THE PANEL SHALL BE BOLT ON, PROPERLY SIZED AND COMPATIBLE WITH THE NFSS NON-FUSED SAFETY SWITCH 20. THE USE OF JACK HAMMERS IS PROHIBITED. PANEL. AS A MINIMUM, THE CONTRACTOR SHALL INSTALL BREAKERS WITH A MINIMUM RMS VALUE OF 10,000. 3-GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE. \mathbf{VVO} POLE SIGNAL & RECEPTACLE. 21. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ANY AND ALL DEBRIS FROM THE MEDICAL CENTER DAILY AND 59. CONTRACTOR SHALL BE PROHIBITED TO USE THE ELECTRICAL DISTRIBUTION PANEL AS A SPLICE BOX. THE PULL BOX DISPOSE OF SAME OFF THE FACILITY IN ACCORDANCE WITH ALL LOCAL AND STATE REGULATIONS. DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT - 20A. MTD CONTRACTOR IS PROHIBITED FROM MAKING ANY ELECTRICAL SPLICE IN THE PANEL BOX. PANEL 18" AFF WITH 1/4" "EMERGENCY" ENGRAVED LETTERS FILLED 22. THE DEPARTMENT OF VETERANS AFFAIRS SHALL RETAIN THE RIGHT TO RETAIN ANY TOP SOIL. SOIL. REMOVED OR WITH RED ENAMEL. SUBSCRIPT "P" INDICATES RECEPTACLE POWER OPERATED DAMPER 60. NOT USED. EXCAVATED DURING THE COURSE OF THIS PROJECT. THE CONTRACTOR SHALL MOVE THIS TO STORAGE AT THE WITH INTERNAL NEON LIGHT. MEDICAL CENTER TO A LOCATION AS DIRECTED BY THE VETERANS ADMINISTRATION. IT SHALL BE THE CONTRACTOR'S PWR POWER 61. THE CONTRACTOR SHALL LABEL ALL CIRCUITS IN J BOXES AND ON THE COVERS OF J BOXES. THIS SHALL BE RESPONSIBILITY TO REMOVE ANY SOIL, TOP SOIL DEEMED UNSUITABLE BY THE DEPARTMENT OF VETERANS AFFAIRS REMOVE COMPLETED AND LABELED WITH VOLTAGE, AMPERAGE, CIRCUIT NUMBER, PANEL AND BREAKER NUMBER, AT EACH GROUND JACK AND TO DISPOSE OF SAME PROPERLY FROM THE MEDICAL CENTER. LIGHTING POLE LOCATION AND WHETHER THE CIRCUIT IS A NORMAL. EMERGENCY. CRITICAL. OR OTHER CIRCUIT. RECEPT RECEPTACLE 23. CONTRACTOR SHALL PROVIDE FOR OWN STORAGE SPACE AND SECURITY FOR SAME. CONTRACTOR SHALL BE RGIP REMOTE GROUND INDICATOR PANEL PROHIBITED FROM USING VA SPACE FOR STORAGE. 62. THE CONTRACTOR SHALL LABEL ALL CIRCUITS IN THE PANEL, BOX AND EDIT THE PANEL LABEL ACCORDINGLY. THE CONTRACTOR SHALL PROVIDE A NEW TYPED PANEL DIRECTORY (4 COPIES) AS APPROVED BY THE <u>DESCRIPTIONS</u> SIG SIGNAL 24. ALL WORK SHALL BE PERFORMED BY THOSE WHO ARE SKILLED IN THEIR TRADE, JOURNEYMEN MECHANICS, TO CONTRACTING OFFICER. PRODUCE A FIRST CLASS JOB. THE CONTRACTOR IS ADVISED THAT WORK DEEMED. SS SAFETY SWITCH EXISTING UNDERGROUND CONDUIT _ _ _ _ _ 63. THE CONTRACTOR SHALL TURN OVER TO THE CONTRACTING OFFICER AND PROVIDE ALL CATALOGS, OPERATING STA STATION 25. UNSUITABLE, UNACCEPTABLE, SECOND CLASS IN NATURE, BY THE VETERANS ADMINISTRATION SHALL BE DEEMED INSTRUCTIONS. MAINTENANCE MANUALS FOR ANY SYSTEM. NEW CONDUIT NON-ACCEPTABLE AND THE CONTRACTOR SHALL REMOVE, REPLACE, RE-DO, TO THE SATISFACTION OF THE TEL TELEPHONE DEPARTMENT OF VETERANS AFFAIRS, THE UNACCEPTABLE WORK AT NO ADDITIONAL COST TO THE GOVERNMENT No. OF CKTS. 64. ALL RECEPTACLES SHALL BE HOSPITAL GRADE "GREEN DOT", 20 AMP OR AS SPECIFIED ELSEWHERE IN THE TELEVISION THERE SHALL BE NO ADDITIONAL CLAIMS AGAINST THE DEPARTMENT OF VETERANS AFFAIRS FOR THE ABOVE. IN CONDUIT — DRAWINGS AND SPECIFICATIONS. RECEPTACLES SHALL BE COLORED "RED" IF INSTALLED ON THE EMERGENCY UNIT HEATER PHASE 26. NOT USED. GENERATOR CIRCUIT, OR "BLUE" IF INSTALLED ON ANY OF THE UPS CIRCUITRY. OTHER COLORS SHALL BE AS CONDUCTORS HOME RUN TO PANEL-ARROWHEADS INDICATE CIRCUITS. VOLTAGE DESIGNATED IN THE DRAWINGS AND SPECIFICATIONS OR AS DESIGNATED BY THE CONTRACTING OFFICER WIRES INDICATED ARE GREEN GROUND, NEUTRAL AND 27. ALL QUANTITIES SHOWN ON THE DRAWING ARE ESTIMATED QUANTITIES ONLY. IT SHALL BE THE RESPONSIBILITY OF VAPOR PROOF THREE HOT LEGS (A DIFFERENT PHASE FOR EACH CIRCUIT). THE CONTRACTOR TO FIELD VERIFY AND ASCERTAIN ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES. 65. ALL SWITCHES SHALL BE MINIMUM OF HEAVY DUTY INDUSTRIAL TYPE, 20 AMP OR AS SPECIFIED ELSEWHERE IN MAXIMUM THREE CIRCUITS PER CONDUIT. WIRE THE DRAWINGS AND SPECIFICATIONS. - NEUTRAL 28. NOT USED. WITH └─ GROUND 66. NOT USED. WEATHER PROOF 29. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT AT THE CONTRACTOR'S EXPENSE. WATER TIGHT 67. NOT USED. RISER UP XFMR TRANSFORMER 30. NOT USED. 68. THE CONTRACTOR SHALL BOND ALL EQUIPMENT DEVICES, BACKBOXES, JUNCTION BOXES, SPLICE AND PULL BOXES RISER DOWN TO THE GROUNDING CONNECTOR. 31. NOT USED. CLG. WALL <u>DESCRIPTIONS</u> 32. CONTRACTOR SHALL INSTALL AND MAINTAIN DUST BARRIERS AS DIRECTED BY THE COTR. 69. CONTRACTOR SHALL PROVIDE SCHEDULE TO CONTRACTING OFFICER FOR APPROVAL FOR WORK IN CRITICAL AREAS. PRIME AND OVERTIME SHALL BE AT NO ADDITIONAL COST TO VA. JUNCTION BOX. MTD 1'-6" AFF UNLESS NOTED OTHERWISE 33. THE GOVERNMENT SHALL NOT BE LIABLE TO THE CONTRACTOR FOR DELAYS DUE TO NON-DELIVERY OF MATERIALS, WEATHER DELAYS, MANPOWER SHORTAGE, SUBMITTAL DELAYS, SUBMITTAL RETURNS, WORK STOPPAGES BY MOTOR, NUMBER DENOTES HORSEPOWER REPRESENTATIVES OF THE GOVERNMENT, FOR ANY REASON, SAFETY DELAYS, REMOVAL AND REPLACEMENT OF WORK DEEMED NON-ACCEPTABLE BY THE GOVERNMENT. **GENERATOR** 34. PRIOR TO ANY WELDING, CUTTING, BRAZING, SOLDERING, THE CONTRACTOR SHALL OBTAIN A HOT WORK PERMIT FROM THE DEPARTMENT OF VETERANS AFFAIRS. PULL BOX 35. WITHOUT THIS PERMIT, HOT WORK SHALL NOT BE PERMITTED BY THE GOVERNMENT. LIGHTING OR LIGHTING/POWER PANELBOARD 36. THE CONTRACTOR SHALL MAINTAIN SECURITY FOR THE WORK AREA AND PROVIDE KEYS TO THE COTR FOR ACCESS. DISTRIBUTION OR POWER PANELBOARD 37. THE CONTRACTOR SHALL PROVIDE STORAGE FOR MATERIALS. MATERIALS SHALL NOT BE STORED IN DEPARTMENT OF CONTROLLER, MAGNETIC VETERANS AFFAIRS BUILDINGS. COMBINATION CONTROLLER AND DISCONNECT SWITCH FUSED OR UNFUSED DISCONNECT SWITCH UNIT HEATER BLOWER MOTOR VENTILATOR OR FAN COIL UNIT OUTLET CONDUIT TERMINATED 6" AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) **○** FOR EXTENSION TO EQUIPMENT AS DIRECTED UNDERFLOOR DUCT AND JUNCTION BOX (DOUBLE SYSTEM: 2 LINES, SINGLE SYSTEM 1 LINE) FLEXIBLE CONDUIT - 1/2", W/3 #12 WIRES "100% DOCUMENTS" 06-18-12 **Drawing Title CONSULTANTS: ARCHITECT/ENGINEERS:** Office of **EXTERIOR LIGHTING** 561-10-101 SYMBOLS, ABBREVIATIONS MARK D. FELLENZER, P.E. **UPGRADES** Construction FELLENZER III **Building Number** & NOTES SCALE: N.T.S. and Facilities ENGINEERING LLP E PROJECT #: 12-050 Approved: Project Director Management V.A.M.C. EAST ORANGE, NJ 2 Mulberry St., Suite 2A, 181 Church St., Suite 100

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UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN

BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL

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